

Research Scientist - Neuroscience

Job ID
REQ-10038325
Jan 29, 2025
USA

Summary

About the role:

The Neuroscience Disease Area within Novartis' Biomedical Research is a global research organization striving to develop impactful medicines for people living with severe neurological and neurogenetic diseases. Our team of world class drug hunters and experts in mechanisms of Neurodegeneration, Neurodevelopment, Inflammation and Neuromuscular disorders drives a portfolio that includes multiple indications and therapeutic approaches.

About the Role

Position Location: Cambridge, MA, onsite, no travel required

We are seeking a highly motivated scientist with expertise in electrophysiology and Neurodegenerative/Neuromuscular disorders to join our collaborative team creating and delivering the next generation of transformative therapies to patients worldwide. The successful candidate will interact with cross-functional project teams and therefore teamwork and good communication skills are key. Don't miss this fantastic opportunity!!

Your responsibilities:

- Collaborate with project teams to design an experimental strategy within cellular electrophysiology domain
- Hands-on execution of cellular and network electrophysiological studies in cell culture and/or in brain slices to better understand disease mechanism or characterize molecules for potential therapeutic effects.
- Analyze, interpret, record and present data at intra- and inter-department meetings
- Generate a broad understanding of projects and drug discovery pipeline to identify and address scientific/technical gaps
- Mentor and train junior associates in areas of expertise
- Adhere to strict animal welfare standards and maintain lab equipment and shared consumables

Minimum requirements:

- Bachelor's degree in Neuroscience or related discipline and a minimum of 7+ years of laboratory-based industrial or academic experience.
- Hands-on experience working with rodents and experience culturing cells
- Expertise in vitro/ex vivo electrophysiology i.e. whole cell patch clamp, high throughput electrophysiology platforms, or extracellular field potential recordings

- Experience with statistical analyses and how to apply these to biological data
- Experience troubleshooting data anomalies to maintain high data quality
- Familiarity with scientific/analytical software packages/platforms (e.g. Sophion Analyzer, IGOR Pro, Fiji, Graphpad, MATLAB, Python, R). Programming experience is a plus.
- Demonstrate efficient time management, focuses on deliverables, and is able to effectively prioritize when designing/undertaking experimental plan.
- Thrive in an interdisciplinary, team-oriented and collaborative environments.
- Flexibility and willingness to occasionally adjust working hours as required by specific experiments

Preferred Qualifications:

- Advanced degree in Neuroscience or related discipline

Novartis Compensation and Benefit Summary: The pay range for this position at commencement of employment is expected to be between \$94,000 to \$174,000/year for Senior Scientist II, and \$103,800 to \$192,200/year for Principal Scientist I; however, while salary ranges are effective from 1/1/25 through 12/31/25, fluctuations in the job market may necessitate adjustments to pay ranges during this period. Further, final pay determinations will depend on various factors, including, but not limited to geographical location, experience level, knowledge, skills, and abilities. The total compensation package for this position may also include other elements, including a sign-on bonus, restricted stock units, and discretionary awards in addition to a full range of medical, financial, and/or other benefits (including 401(k) eligibility and various paid time off benefits, such as vacation, sick time, and parental leave), dependent on the position offered. Details of participation in these benefit plans will be provided if an employee receives an offer of employment. If hired, employee will be in an “at-will position” and the Company reserves the right to modify base salary (as well as any other discretionary payment or compensation program) at any time, including for reasons related to individual performance, Company or individual department/team performance, and market factors.

Why Novartis: Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other.

Combining to achieve breakthroughs that change patients’ lives. Ready to create a brighter future together?

<https://www.novartis.com/about/strategy/people-and-culture>

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<https://talentnetwork.novartis.com/network>

Benefits and Rewards: Read our handbook to learn about all the ways we’ll help you thrive personally and professionally: <https://www.novartis.com/careers/benefits-rewards>

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Accessibility & Reasonable Accommodations

The Novartis Group of Companies are committed to working with and providing reasonable accommodation to individuals with disabilities. If, because of a medical condition or disability, you need a reasonable accommodation for any part of the application process, or to perform the essential functions of a position, please send an e-mail to us.reasonableaccommodations@novartis.com or call +1(877)395-2339 and let us know the nature of your request and your contact information. Please include the job requisition number in your message.

Division

Biomedical Research

Business Unit

Pharma Research

Location

USA

State

Massachusetts

Site

Cambridge (USA)

Company / Legal Entity

U175 (FCRS = US175) Novartis Institutes for BioMedical Research, Inc.

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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